



IFW

Docket No. VTN5001NP

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicants : Andersson, et al.

Serial No. : 10/715,903 Art Unit:

Filed : 11-18-2003 Examiner:

For : ANTIMICROBIAL LENSES, PROCESSES TO PREPARE THEM  
AND METHODS OF THEIR USE

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02-04-2005

(Date of Deposit)

KATE WILLAN

(Name of applicant, assignee, or Registered Representative)

02-04-2005

(Date of Signature)

Commissioner for Patents  
P.O. Box 1450  
Washington, D.C. 20231

**INFORMATION DISCLOSURE STATEMENT**

Dear Sir:

Pursuant to 37 C.F.R. §1.56 and in accordance with 37 C.F.R. §§1.97-1.98, information relating to the above-identified application is hereby disclosed. Inclusion of information in this statement is not to be construed as an admission that this information is material as that term is defined in 37 C.F.R. §1.56(b).

Applicant(s) reserve(s) the right to establish the patentability of the claimed invention over any of the information provided herewith, and/or to prove that this information may not be prior art, and/or to prove that this

information may not be enabling for the teachings purportedly offered.

This statement should not be construed as a representation that a search has been made, or that information more material to the examination of the present patent application does not exist.

In accordance with §1.97(b), since this Information Disclosure Statement is being filed either within three months of the filing date of the above-identified national application (other than a continued prosecution application under §1.53(d)), within three months of the date of entry into the national stage of the above identified application as set forth in §1.491, or before the mailing date of a first Office Action on the merits of the above-identified application, or before the mailing date of a first Office Action after the filing of a request for continued examination under §1.114, no additional fee is required.

In accordance with §1.129(a), this Information Disclosure Statement is being filed in connection with  the first or  second After Final Submission, therefore:

- Statement in Accordance with §1.97(e)  
(attached); or
- Please charge Deposit Account No. 10-  
0750/ / the fee of \$180.00 as set forth  
in §1.17(p).

In accordance with §1.97(c), this Information Disclosure Statement is being filed after the period set forth in §1.97(b) above but before the mailing date of either a Final Action under §1.113 or a Notice of Allowance under §1.311, or an action that otherwise closes prosecution and that it is accompanied by one of:

- Statement in Accordance with §1.97(e)  
(attached); or
- Please charge Deposit Account No. 10-  
0750/ / the fee of \$180.00 as set forth  
in §1.17(p).

In accordance with §1.97(d), this Information Disclosure Statement is being filed after the mailing date of either a Final Action under §1.113 or a Notice of Allowance under §1.311 but before the payment of the Issue Fee. Applicant(s) hereby petition(s) for consideration of this Information Disclosure Statement. Included are: Statement in Accordance with §1.97(e) as set forth below and the fee of \$180.00 as set forth in §1.17(p).

- Copies of each of the references listed on the attached Form PTO-1449 are enclosed herewith.
- Copies of references listed on the attached Form PTO-1449 are enclosed herewith EXCEPT THAT:

- In view of the voluminous nature of references [list as appropriate], and the likelihood that these references are available to the Examiner, copies are not enclosed herewith.
- If any of the foregoing publications are not available to the Examiner, Applicant will endeavor to supply copies at the Examiner's request.

- Copies of only foreign patent documents and non-patent literature are enclosed in accordance with 37 CFR 1.98 (a)(2). (The U.S. patents and each U.S. patent application publication listed on the attached Form PTO-1449 are not

enclosed because this U.S. patent application was filed after June 30, 2003 or this international application has entered the national stage under 35 USC §371 after June 30, 2003 (see USPTO waiver of requirement under 37 CFR 1.98 (a)(2)(i)).

There are no listed references which are not in the English language.

The relevance of those listed references which are not in the English language is as follows: apparent from the present specification.

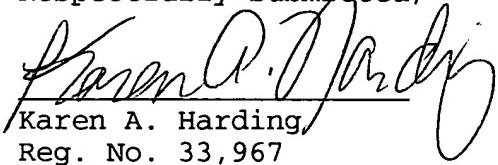
Attached are copies of search report(s) from corresponding patent application(s), which are listed on the attached Submission Under MPEP 609 D.

Copies of the references listed on the search report(s) are included except for those previously cited in an IDS mailed

Attached are the following non-published pending patent applications which may be deemed relevant, which are listed on the attached Submission Under MPEP 609 D.

Please charge any deficiency or credit any overpayment to Deposit Account No. 10-0750/VTN5001NP/KAH. This form is submitted in triplicate.

Respectfully submitted,

  
Karen A. Harding  
Reg. No. 33,967  
Attorney for Applicants

Johnson & Johnson  
One Johnson & Johnson Plaza  
New Brunswick, NJ 08933-7003  
(904) 443-3074

DATED: 02-04-2005



PTO/SB/08A (08-00)

Approved for use through 10/31/2002. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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Substitute for form 1449A/PTO

# INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet 1 of 8

Application Number

10/715,903

Filing Date

November 18, 2003

First Named Inventor

Andersson et al.

Group Art Unit

Examiner Name

Attorney Docket Number

VTN5001NP

## U.S. PATENT DOCUMENTS

| Examiner Initials | Cite No. <sup>1</sup> | U.S. Patent Document |                                   | Name of Patentee or Applicant of Cited Document | Date of Publication of Cited Document mm-dd-yyyy | Pages, Columns, Lines, where relevant passages or relevant figures appear |
|-------------------|-----------------------|----------------------|-----------------------------------|---|--|---|
|                   |                       | Number               | Kind Code <sup>2</sup> (if known) |   |  |   |
|                   |                       | 3,408,429            |                                   | Wichterle                                       | 10-29-1968                                       |   |
|                   |                       | 3,660,545            |                                   | Wichterle                                       | 05-02-1972                                       |   |
|                   |                       | 3,808,178            |                                   | Gaylord   | 04-30-1974                                       |   |
|                   |                       | 4,113,224            |                                   | Clark et al.                                    | 09-12-1978                                       |   |
|                   |                       | 4,120,570            |                                   | Gaylord   | 10-17-1978                                       |   |
|                   |                       | 4,136,250            |                                   | Mueller   | 01-23-1979                                       |   |
|                   |                       | 4,139,513            |                                   | Tanaka et al.                                   | 02-13-1979                                       |   |
|                   |                       | 4,139,692            |                                   | Tanaka et al.                                   | 02-13-1979                                       |   |
|                   |                       | 4,153,641            |                                   | Deichert et al.                                 | 05-08-1979                                       |   |
|                   |                       | 4,182,822            |                                   | Chang   | 01-08-1980                                       |   |
|                   |                       | 4,189,546            |                                   | Deichert et al.                                 | 02-19-1980                                       |   |
|                   |                       | 4,197,266            |                                   | Clark et al.                                    | 04-08-1980                                       |   |

## FOREIGN PATENT DOCUMENTS

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|-------------------|-----------------------|-------------------------|---------------------|-----------------------|---|--|---|----------------|
|                   |                       | Office <sup>3</sup>     | Number <sup>4</sup> | KindCode <sup>5</sup> |   |  |   |                |
|                   |                       | WO                      | 89/01793            | A1                    | Giltech Limited                                 | 03-09-1989                                       |   |                |
|                   |                       | WO                      | 90/08470            | A1                    | Giltech Limited                                 | 08-09-1990                                       |   |                |
|                   |                       | WO                      | 94/21698            | A1                    | Bausch & Lomb                                   | 09-29-1994                                       |   |                |
|                   |                       | WO                      | 99/27978            | A1                    | Hoya Healthcare Corporation                     | 06-10-1999                                       |   |                |
|                   |                       | WO                      | 99/29750            | A1                    | Essilor International                           | 06-17-1999                                       |   |                |
|                   |                       | WO                      | 00/22459            | A1                    | Pharmacia & Upjohn                              | 04-20-2000                                       |   |                |
|                   |                       | WO                      | 00/22460            | A1                    | Pharmacia & Upjohn                              | 04-20-2000                                       |   |                |

| Examiner Signature | Date Considered |
|--------------------|-----------------|
|                    |                 |

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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# INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet 2 of 8

*Application Number*

10/715,903

*Filing Date*

November 18, 2003

*First Named Inventor*

Andersson et al.

*Group Art Unit**Examiner Name**Attorney Docket Number*

VTN5001NP

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|                   |                       | Number               | Kind Code <sup>2</sup> (if known) |   |  |   |
|                   |                       | 4,254,248            |                                   | Friends et al.                                  | 03-03-1981                                       |   |
|                   |                       | 4,259,467            |                                   | Keogh et al.                                    | 03-31-1981                                       |   |
|                   |                       | 4,260,725            |                                   | Keogh et al.                                    | 04-07-1981                                       |   |
|                   |                       | 4,261,875            |                                   | LeBoeuf   | 04-14-1981                                       |   |
|                   |                       | 4,276,402            |                                   | Chromecek et al.                                | 06-30-1981                                       |   |
|                   |                       | 4,301,012            |                                   | Puckett   | 11-17-1981                                       |   |
|                   |                       | 4,327,203            |                                   | Deichert et al.                                 | 04-27-1982                                       |   |
|                   |                       | 4,330,383            |                                   | Ellis et al.                                    | 05-18-1982                                       |   |
|                   |                       | 4,341,889            |                                   | Deichert et al.                                 | 07-27-1982                                       |   |
|                   |                       | 4,343,927            |                                   | Chang   | 08-10-1982                                       |   |
|                   |                       | 4,355,147            |                                   | Deichert et al.                                 | 10-19-1982                                       |   |
|                   |                       | 4,450,264            |                                   | Cho   | 05-22-1984                                       |   |

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|                   |                       | Office <sup>3</sup>     | Number <sup>4</sup> | KindCode <sup>5</sup> |   |  |   |                |
|                   |                       | WO                      | 00/26698            | A1                    | Allergan Sales, Inc.                            | 05-11-2000                                       |   |                |
|                   |                       | WO                      | 00/38552            | A1                    | Healthshield Technologies LLC                   | 07-06-2000                                       |   |                |
|                   |                       | WO                      | 02/62402            | A1                    | Johnson & Johnson Vision Care, Inc.             | 08-15-2002                                       |   |                |
|                   |                       | WO                      | 03/11351            | A2                    | Johnson & Johnson Vision Care, Inc.             | 02-13-2003                                       |   |                |
|                   |                       | WO                      | 03/11551            | A1                    | Johnson & Johnson Vision Care, Inc.             | 02-13-2003                                       |   |                |
|                   |                       | WO                      | 03/022321           | A2                    | Johnson & Johnson Vision Care, Inc.             | 03-20-2003                                       |   |                |

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# INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet 3 of 8

*Application Number* 10/715,903*Filing Date* November 18, 2003*First Named Inventor* Andersson et al.*Group Art Unit**Examiner Name**Attorney Docket Number* VTN5001NP

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|                   |                       | Number               | Kind Code <sup>2</sup><br>(if known) |   |  |   |
|                   |                       | 4,463,149            |                                      | Ellis   | 07-31-1984                                       |   |
|                   |                       | 4,486,577            |                                      | Mueller et al.                                  | 12-04-1984                                       |   |
|                   |                       | 4,495,313            |                                      | Larsen  | 01-22-1985                                       |   |
|                   |                       | 4,525,563            |                                      | Shibata et al.                                  | 06-25-1985                                       |   |
|                   |                       | 4,543,398            |                                      | Bany et al.                                     | 09-24-1985                                       |   |
|                   |                       | 4,605,712            |                                      | Mueller et al.                                  | 08-12-1986                                       |   |
|                   |                       | 4,640,489            |                                      | Larsen  | 02-03-1987                                       |   |
|                   |                       | 4,661,573            |                                      | Ratkowski et al.                                | 04-28-1987                                       |   |
|                   |                       | 4,680,336            |                                      | Larsen  | 07-14-1987                                       |   |
|                   |                       | 4,703,097            |                                      | Wingler et al.                                  | 10-27-1987                                       |   |
|                   |                       | 4,711,943            |                                      | Harvey III                                      | 12-08-1987                                       |   |
|                   |                       | 4,725,277            |                                      | Bissonette                                      | 02-16-1988                                       |   |

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|-------------------|-----------------------|-------------------------|---------------------|-----------------------|---|--|---|----------------|
|                   |                       | Office <sup>3</sup>     | Number <sup>4</sup> | KindCode <sup>5</sup> |   |  |   |                |
|                   |                       | JP                      | 6123860             |                       | Tokyo Keikaku:KK                                | 10-09-1992                                       |   |                |
|                   |                       | JP                      | 2000010055          |                       | Seed Co. LTD                                    | 06-19-1998                                       |   |                |
|                   |                       | JP                      | 2000016905          |                       | Tokyo Keikaku:KK                                | 07-01-1998                                       |   |                |
|                   |                       | JP                      | 2000107277          |                       | Nidek Co Ltd.                                   | 10-01-1998                                       |   |                |
|                   |                       | EP                      | 406161              | B1                    | Ciba-Geigy                                      | 02-22-1995                                       |   |                |
|                   |                       | EP                      | 1050314             | A1                    | Healthshield Technologies LLC                   | 11-08-2000                                       |   |                |

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# INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet 4 of 8

|                               |                   |
|-------------------------------|-------------------|
| <i>Application Number</i>     | 10/715,903        |
| <i>Filing Date</i>            | November 18, 2003 |
| <i>First Named Inventor</i>   | Andersson et al.  |
| <i>Group Art Unit</i>         |                   |
| <i>Examiner Name</i>          |                   |
| <i>Attorney Docket Number</i> | VTN5001NP         |

## U.S. PATENT DOCUMENTS

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|                   |                       | Number               | Kind Code <sup>2</sup><br>(if known) |   |  |   |
|                   |                       | 4,731,079            |                                      | Stoy  | 03-15-1988                                       |   |
|                   |                       | 4,837,289            |                                      | Mueller et al.                                  | 06-06-1989                                       |   |
|                   |                       | 4,863,464            |                                      | Dusek   | 09-05-1989                                       |   |
|                   |                       | 4,871,785            |                                      | Froix   | 10-03-1989                                       |   |
|                   |                       | 4,872,876            |                                      | Smith   | 10-10-1989                                       |   |
|                   |                       | 4,889,664            |                                      | Kindt-Larsen et al.                             | 12-26-1989                                       |   |
|                   |                       | 4,938,958            |                                      | Niira, deceased et al.                          | 07/03/1990                                       |   |
|                   |                       | 4,954,586            |                                      | Toyochima et al.                                | 09-04-1990                                       |   |
|                   |                       | 4,954,587            |                                      | Mueller   | 09-04-1990                                       |   |
|                   |                       | 4,973,493            |                                      | Guire   | 11-27-1990                                       |   |
|                   |                       | 5,010,141            |                                      | Mueller   | 04-23-1991                                       |   |
|                   |                       | 5,034,461            |                                      | Lai et al.                                      | 07-23-1991                                       |   |
|                   |                       | 5,039,459            |                                      | Kindt-Larsen et al.                             | 08-13-1991                                       |   |

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Sheet 5 of 8

## **U.S. PATENT DOCUMENTS**

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|                   |                       | Number               | Kind Code <sup>2</sup> (if known) |   |  |   |
|                   |                       | 5,057,578            |                                   | Spinelli  | 10-15-1991                                       |   |
|                   |                       | 5,070,215            |                                   | Bambury et al.                                  | 12-03-1991                                       |   |
|                   |                       | 5,135,297            |                                   | Valint, Jr.                                     | 08-04-1992                                       |   |
|                   |                       | 5,213,801            |                                   | Sakuma et al.                                   | 05-25-1993                                       |   |
|                   |                       | 5,275,838            |                                   | Merrill   | 01-04-1994                                       |   |
|                   |                       | 5,314,960            |                                   | Spinelli  | 05-24-1994                                       |   |
|                   |                       | 5,336,797            |                                   | McGee et al.                                    | 08-09-1994                                       |   |
|                   |                       | 5,346,946            |                                   | Yokoyama et al.                                 | 09-13-1994                                       |   |
|                   |                       | 5,358,995            |                                   | Lai et al.                                      | 10-25-1994                                       |   |
|                   |                       | 5,371,147            |                                   | Spinelli et al.                                 | 12-06-1994                                       |   |
|                   |                       | 5,387,632            |                                   | Lai et al.                                      | 02-07-1995                                       |   |
|                   |                       | 5,451,617            |                                   | Lai et al.                                      | 09-19-1995                                       |   |
|                   |                       | 5,466,726            |                                   | Inoue et al.                                    | 11-14-1995                                       |   |
|                   |                       | 5,470,585            |                                   | Gilchrist                                       | 11-28-1995                                       |   |
|                   |                       | 5,486,579            |                                   | Lai et al.                                      | 01-23-1996                                       |   |
|                   |                       | 5,520,910            |                                   | Hashimoto et al.                                | 05-28-1996                                       |   |

## FOREIGN PATENT DOCUMENTS

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| <i>Application Number</i>     | 10/715,903        |
| <i>Filing Date</i>            | November 18, 2003 |
| <i>First Named Inventor</i>   | Andersson et al.  |
| <i>Group Art Unit</i>         |                   |
| <i>Examiner Name</i>          |                   |
| <i>Attorney Docket Number</i> | VTN5001NP         |

## U.S. PATENT DOCUMENTS

| Examiner Initials | Cite No. <sup>1</sup> | U.S. Patent Document |                        | Name of Patentee or Applicant of Cited Document | Date of Publication of Cited Document mm-dd-yyyy | Pages, Columns, Lines, where relevant passages or relevant figures appear |
|-------------------|-----------------------|----------------------|------------------------|---|--|---|
|                   |                       | Number               | Kind Code <sup>2</sup> |   |  |   |
|                   |                       | 5,710,302            |                        | Kunzler et al.                                  | 01-20-1998                                       |   |
|                   |                       | 5,714,557            |                        | Kunzler et al.                                  | 02-03-1998                                       |   |
|                   |                       | 5,760,100            |                        | Nicolson et al.                                 | 06-02-1998                                       |   |
|                   |                       | 5,776,999            |                        | Nicolson et al.                                 | 07-07-1998                                       |   |
|                   |                       | 5,779,943            |                        | Enns et al.                                     | 07-14-1998                                       |   |
|                   |                       | 5,789,461            |                        | Nicolson et al.                                 | 08-04-1998                                       |   |
|                   |                       | 5,807,944            |                        | Hirt et al.                                     | 09-15-1998                                       |   |
|                   |                       | 5,820,918            |                        | Ronan et al.                                    | 10-13-1998                                       |   |
|                   |                       | 5,849,811            |                        | Nicolson et al.                                 | 12-15-1998                                       |   |
|                   |                       | 5,908,906            |                        | Kunzler et al.                                  | 06-01-1999                                       |   |
|                   |                       | 5,944,853            |                        | Molock et al.                                   | 08-31-1999                                       |   |
|                   |                       | 5,958,440            |                        | Burrell et al.                                  | 09-28-1999                                       |   |

## FOREIGN PATENT DOCUMENTS

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Application Number 10/715,903

Filing Date November 18, 2003

First Named Inventor Andersson et al.

Group Art Unit

Examiner Name

Attorney Docket Number VTN5001NP

## U.S. PATENT DOCUMENTS

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|                   |                       | Number               | Kind Code <sup>2</sup> (if known) |   |  |   |
|                   |                       | 5,962,548            |                                   | Vanderlaan                                      | 10-05-1999                                       |   |
|                   |                       | 5,965,631            |                                   | Nicolson et al.                                 | 10-12-1999                                       |   |
|                   |                       | 5,981,615            |                                   | Meijs et al.                                    | 11-09-1999                                       |   |
|                   |                       | 5,981,675            |                                   | Valint, Jr. et al.                              | 11-09-1999                                       |   |
|                   |                       | 5,998,498            |                                   | Vanderlaan et al.                               | 12-07-1999                                       |   |
|                   |                       | 6,020,445            |                                   | Vanderlaan, et al.                              | 02-01-2000                                       |   |
|                   |                       | 6,039,913            |                                   | Hirt et al.                                     | 03-21-2000                                       |   |
|                   |                       | 6,087,415            |                                   | Vanderlaan, et al.                              | 07-11-2000                                       |   |
|                   |                       | 6,143,318            |                                   | Gilchrist et al.                                | 11-07-2000                                       |   |
|                   |                       | 6,193,369            |                                   | Valint, Jr. et al.                              | 02-27-2001                                       |   |
|                   |                       | 6,200,626            |                                   | Grobe, III et al.                               | 03-13-2001                                       |   |
|                   |                       | 6,213,604            |                                   | Valint, Jr. et al.                              | 04-10-2001                                       |   |
|                   |                       |                      |                                   |   |  |   |

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